

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

SBR- 71/17-18,
dt- 30/6/17
Date.....2017

No. 1st & Final Bill

Zone:BBMP,Yelahanka

Division:BBMP, Byatarayanapura

Sub-Division:BBMP, Kodigehalli

Bill Received No. Dated 29/6/17
Divisional
Sub-Divisional

Cash Book Voucher No.....Dated.....
Job Code: 007-15-000005

Schedule Docket No. Head of Account: P1802 Est.Cost: Rs.4.95 Lakhs

D.R.NO.:

Name of Work : Water Supply to drilling of Borewells Erection of Pump Motor in Amruthahalli in
Ward No 07, Byatarayanapura Kodigehalli Sub Division

AS No.: AS/EE/BTP/50 /14-15, dtd 29.10.2014

TS No.: TS/EE/BTP/129 /14-15, dtd 29.10.2014

Name of Contractor and Full Address: Sri.B.M.Muniraju, S.S. Constructions, # 432, Manjunatha Nilaya, 1st
Main,1st Cross, ShivashankaraBlock,Hebbala, Bangalore-24

Reference to Agreement No. BBMP/EE/BTP/E-PMT/261/2014-15

Date: 02.02.2015

Certified that the measurements were taken by me on: 29.06.2017 and recorded of Pages 257951 to 257964 of
measurement Book No. 2580/2014-15 and that work is satisfactorily executed.

Certified that measurement were taken by me on 30/6/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the
contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all
required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement
signed and executed by the contractor is recorded in the office.

1) Total value of work done or supplies made as per account within		Sub-Division Officer	
2) Deduct amount to be held in reserve being.....Percent Rs.....		Assistant Executive Engineer	
3) " " Balance		Kodigehalli Sub Division,	
4) Deduct Payment:		Yelahanka Zone, B.B.M.P.	
a) Amount of previous payment as in the Office Cash Book Voucher		Bangalore.	
No.....Dated.....S.D.No.....		Amount	482658-00
adjusted towards cash advance recovery of			
b) Payments cost store or other material supplied.			
Now made recovery of amount creditable to this /other work		GT -	4827-00
Amount paid on this bill Cheque/Cash.		VAT -	19306-00
5) Balance being unpaid value of work done held in reserve.		CU -	4827-00
6) Deduct cash advance made on the Office cash Book Voucher No.....		CBF -	483-00
dated less adjustments.		Final	5496-00
7) Net amount due to or from Contractor		Adst	34939-00
unadjustments items.		Total amount adjusted	
8) Advance to Contractor for materials brought to site (as detailed) within		Contractor's Signature	
9) Value of Government materials supplied.			Chagn. 447718-00

Received Rs.....(in words).....

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

1

2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment.....

Stamp

Executive Engineer

482658-00
34939-00
4.47.718-00
Four Lakhs forty seven thousand
seven hundred and eighty
three

Sl. No.	Items grouped under sub-Heads and Sub-Works of the Estimate Description	Unit
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including reconnaissance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. its quality , quality & acceptability of the users indicating the location of the site recommendeddepth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.,PRE- Bangalore Circle-2011-12, Page No-43, Item No-9.4	Each
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,PRE- Bangalore Circle-2011-12, Page No-43, Item No-9.4 0.00 to 50.00 mtrs	Rmtr
3	50mtr to 100.00 mtr	Rmtr
4	100.00 to 150.00 mtr	Rmtr
5	150.00 to 200.00 mtr	Rmtr
6	200.00 to 250.00 mtr	Rmtr
7	250.00 to 300.00 mtr	Rmtr
8	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness 5.4 mm thick confirming to IS 1387/1933 and manufactured by basic open hearth electric or basic oxygen process in random lenth of 5 to 7mtrs. Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the other end with Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight should be with ISI marking, weighing 25.10kg/mtr. (Inclusive of all taxes) (PRED,2010-11 Page No.II item No-54)	Rmtr
9	Additional rate on item No. 2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 15% and beyond 30mtrs 30% on basic rate of Rs.287 is allowed (PRED,2010-11 Page Noll item No-9.4) Above 20 mtrs and Upto 30 mtrs at	Mtrs
10	Above 30 mts	Mtrs
11	Providing 175 mm dia MS Collar (RDED SR page ii, item55)	Each
12	Providing 175 mm dia MS Cap(as per RDED SR page ii, item-54)	Each

Present Measurement			Total Upto Date	
Qty	Rate Rs. P.	Amount	Qty	Cost
1.00	1994	1994.00	1.00	1994.00
50.00	301.25	15062.50	50.00	15062.50
50.00	394.6	19730.00	50.00	19730.00
50.00	442.88	22144.00	50.00	22144.00
50.00	487.0	24350.00	50.00	24350.00
50.00	538.4	26920.00	50.00	26920.00
50.00	577.25	28862.50	50.00	28862.50
40.00	1390.58	55623.20	40.00	55623.20
10.00	45.65	456.50	10.00	456.50
10.00	90.36	903.60	10.00	903.60
11.00	157.42	1731.62	11.00	1731.62
1.00	104.95	104.95	1.00	104.95

1.00	54574.0	54574.00	1.00	54574.00
240.00	158.47	38032.80	240.00	38032.80
1.00	1605.73	1605.73	1.00	1605.73
1.00	1500.78	1500.78	1.00	1500.78
1.00	724.15	724.15	1.00	724.15
1.00	257.12	257.12	1.00	257.12
2.00	126.0	252.00	2.00	252.00
35.00	1416.82	49588.70	35.00	49588.70
1.00	10495.0	10495.00	1.00	10495.00
210.00	422.68	88762.80	210.00	88762.80
1.00	498.5	498.50	1.00	498.50
1.00	1416.82	1416.82	1.00	1416.82
1.00	288.61	288.61	1.00	288.61
3.00	367.32	1101.96	3.00	1101.96

27	Supplying and drawing each PVC insulated 650/100 V grade wire in the conduct (Open or Concealed system of wiring) 7/20 or 7/36 copper wire. P-332, I-20, ii(d), BWSSB SR 2008-09.	No.
28	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR Capacity P-354, I-34(a), BWSSB SR 2008-09.	No.
29	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required P-350, I-13 (E, a), BWSSB SR 2008-09.	No.
30	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of salt and charcoal 150mm around the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122mm dia P-377, I-7, BWSSB SR 2008-09.	No.
31	Supplying and fixing class A (medium duty) GI pipe wall thickness not less than 3.25mm on pole.	No.
32	Supply 1.1 KV class UG cable from nearest BESCO pole to panel board including earth work and road restoratio 4 core 16 sqmm. P-378, I-10(d), BWSSB SR 2008-09.	Mtrs
33	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe/ on pole as required, P-379, I-77 (a), BWSSB SR 2008-09.	Mtrs
34	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc., complete P-379, I-12 (b), BWSSB SR 2008-09.	Mtrs
35	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound complete with terminalas, clamps, bolts, nuts, washers etc., P-380, I-16(b), BWSSB SR 2008-09.	No.
36	Supplying and fixing of porcelain fuse channel with cut-out on existing / new wooden panel using necessary nuts, bolts and washers etc., complete P-32, I-3 (b), PWD ELECTRICAL SR 2010-11.	No.
37	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. (Pg. No-267, I.No-37.38)	cum
38	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road. (Pg. No-267, I.No-37.40)	cum
39	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. Noll KBS 2.1.C/2.9.4/2.18/2.19 (Pg. No-5, I.No2.4)	cum
40	Providing and installing at site of work P.V.C pipees including cost of pipes and specials and labour including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc., complete PVC pipes of 6kg/Sqm 75mm Dia.(Page NO-14, ITEM no-3.4.2 (b), of PRE SR 2011-12).	Rmtr

20.00	26.23	524.60	20.00	524.60
1.00	367.32	367.32	1.00	367.32
1.00	1128.21	1128.21	1.00	1128.21
1.00	1574.25	1574.25	1.00	1574.25
10.00	230.89	2308.90	10.00	2308.90
35.00	157.42	5509.70	35.00	5509.70
35.00	5.24	183.40	35.00	183.40
30.00	52.47	1574.10	30.00	1574.10
1.00	251.88	251.88	1.00	251.88
6.00	229.84	1379.04	6.00	1379.04
2.25	249.19	560.68	2.25	560.68
0.00	521.74	0.00	0.00	0.00
4.50	208.03	936.14	4.50	936.14
~~65~~ ~~65.00~~ 65.00	~~122.13~~ 122.13	~~7938.45~~ 7938.45	~~65.00~~ 65.00	~~7938.45~~ 7938.45

41	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. Including cost of all labour complete as per specification. (Pg. No-6, I.No-2.11)	cum
42	Disposing of excavated earth to the final place of disposal with all lead and lift and as directed by the Engineer in charge of the work. (Lead up to 15.00 KM)	cum
43	Transportation of pumping machineries PRE SR 2011-12 PG 51/10.3.19	days
44	Erection of Pumping machineries PRE SR 2011-12 PG 51/10.3.20	Rmt
Total		

Add. Bescom charge
R.No: C 271811
Recd -

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

M. L. U. N.D.
AEL/3

4.50	55.62	250.29	4.50	250.29
2.25	122.13	274.79	2.25	274.79
2.00	891.65	1783.30	2.00	1783.30
1.00	891.65	891.65	1.00	891.65
		474418.54		474418.54

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 Assistant Executive Engineer.
 Kodigehalli Sub Division,
 Yelahanka Zone, B.B.M.P.
 Bangalore.